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(54) Title: ANTISENSE OLIGONUCLEOTIDES FOR TREATING OR PREVENTING ATOPIC DISEASES AND NEOPLASTIC CELL PROLIFERATION

(57) Abstract

The present invention relates to the use of antisense oligonucleotides directed against specific nucleic acid sequences coding for receptors, alone or in combination, in order to inhibit the inflammatory reaction that is present in asthma, atopy or hypereosinophilia and to inhibit neoplastic cell proliferation. The antisense oligonucleotides of the present invention are used for treating and/or preventing asthma, allergy, hypereosinophilia, general inflammation or cancer. The oligonucleotides of the present invention are more specifically directed against nucleic acid sequences coding for a CCR3 receptor, a common sub-unit of IL-4 and IL-13 receptors, or a common sub-unit of IL-3, IL-5 and GM-CSF receptors.